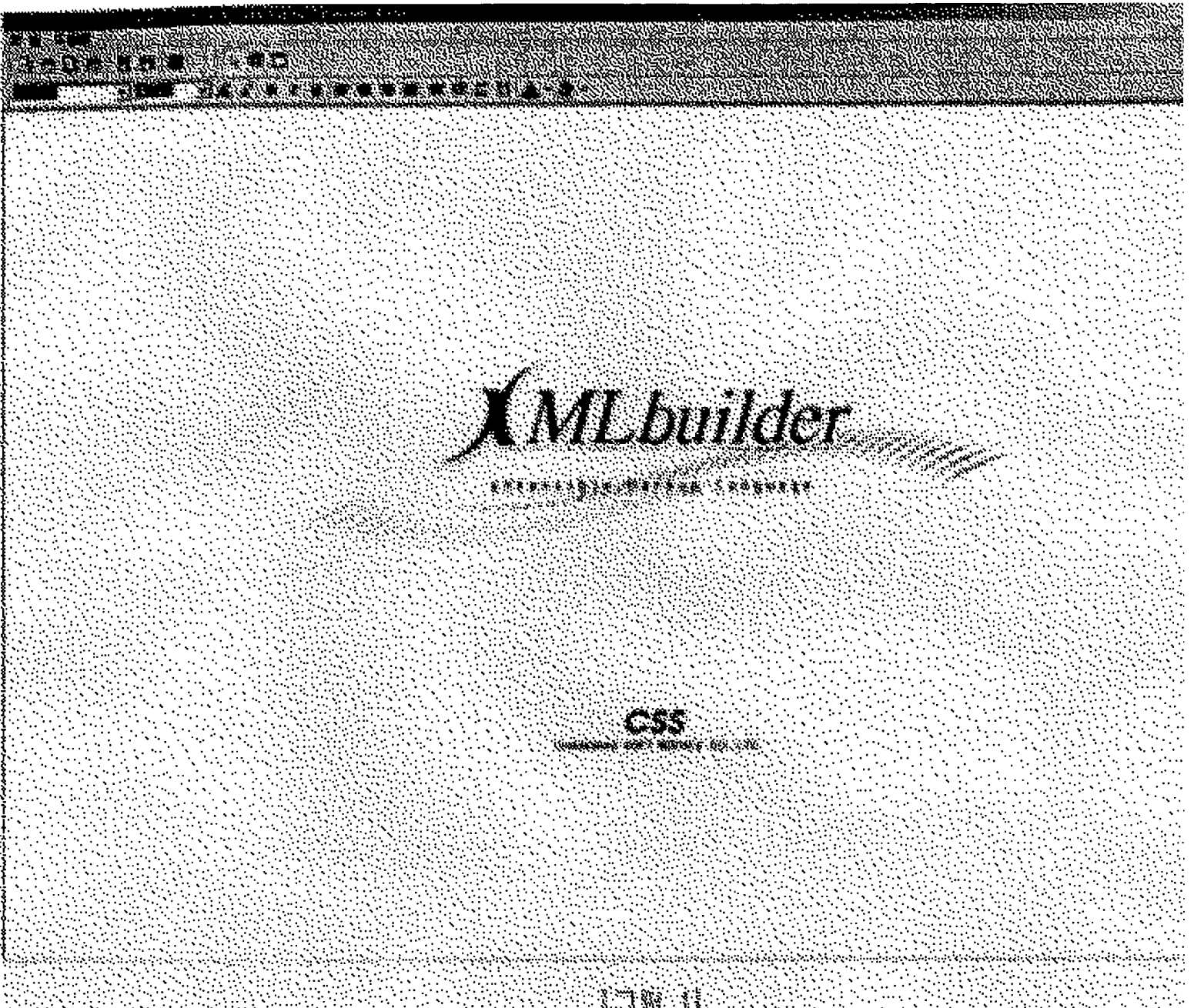


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**DERWENT-ACC-NO:** 2003-056135

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**TITLE:** Editor for constructing xml document

**INVENTOR:** LEE, M N

**PATENT-ASSIGNEE:** CHANGHAE SOFT SERVICE CO LTD[CHANN]

**PRIORITY-DATA:** 2001KR-0000688 (January 5, 2001)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002057709	A July 12, 2002	N/A	001	G06F 017/24

**APPLICATION-DATA:**

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2002057709A	N/A	2001KR-0000688	January 5, 2001

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**ABSTRACTED-PUB-NO:** KR2002057709A

**BASIC-ABSTRACT:**

NOVELTY - An XML(eXtensible Markup Language) document construction editor is provided to be applied to a design of various company documents, a DTD document, various public documents or attached documents in an electronic commerce and to support an easy edition function, a rapid search function, a document standardization, and a document effectiveness check function.

DETAILED DESCRIPTION - The editor comprises an XML engine, an element component, a table component, an XML tree view component, an XML editor component, an XSL(eXtensible Stylesheet Language) editor component, a DTD tree view component, a DTD editor component, an Explorer view component, and a designer component. The XML engine

automatically performs a design process for constructing an XSL or XML document. The element component defines an attribute or a type for expressing data, inserts other element or a table within an element, expresses a picture according to a component type, automatically displays a DTD to an element after checking the DTD, automatically calculates a size and a position of a table or an element when the table or the element is included in a child of an element by an operation of a mouse, and copies an element. The table component performs a division, an synthesis, an inclusion or an insertion of a table element. The XML tree view component displays a tree when an XML document is constructed. The XML editor component displays data and a tag with different colors when displaying the text. The XSL editor component reads contents of an XSL document, and sets a color to a tag while displaying the contents. The DTD tree view component automatically draws an attribute and a type in a tree, and an icon relation diagram. The DTD editor component sets a color to the text for enhancing a readability.

**CHOSEN-DRAWING:** Dwg.1/10

**TITLE-TERMS:** EDIT CONSTRUCTION DOCUMENT

**DERWENT-CLASS:** T01

**EPI-CODES:** T01-J11A;